



Brain International School

Vikas Puri, New Delhi

ASSIGNMENT NO. 6

SUBJECT: SCIENCE

CLASS-VI

November'2025

Chapter -10: Nature's Treasure

1. In each of the following questions, two statements are given one labeled Assertion (A) and the other labelled Reason (R). Select the correct answer to these questions from the codes (a), (b), (c) and (d) as given below:

- a) Both A and R are true, and R is correct explanation of the assertion.
 - b) Both A and R are true, but R is not the correct explanation of the assertion.
 - c) A is true, but R is false.
 - d) Both assertion and reason are false.
- (i) **Assertion:** Trees are called the “green lungs” of the Earth.
Reason: They absorb carbon dioxide and release oxygen during photosynthesis
- (ii) **Assertion:** Nature provides us with everything we need to survive.
Reason: All natural resources are unlimited and can never be exhausted.
- (iii) **Assertion:** We should plant more trees and avoid deforestation.
Reason: Cutting trees increases oxygen in the air.
- (iv) **Assertion:** Rivers, forests, and mountains are all parts of nature's treasure.
Reason: They give us resources and also maintain ecological balance.

2. Answer the following case study based question.

Rohan's family lives in a small town. They used to face frequent power cuts and relied on diesel generators that produced smoke. One day, Rohan's science teacher told the class about solar energy — a clean and renewable source of power. Rohan shared this idea with his parents, and they installed solar panels on their roof. Now they have enough electricity, lower bills, and no pollution.

1. What problem did Rohan's family face?
2. How did Rohan's teacher help him find a solution?
3. What benefits did the family get from solar panels?
4. What message does this story give us about using natural resources?